GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department – Indian Oil Corporation Ltd. (IOCL) – Laying Petroleum Product pipeline along with Optical fibre cable (OFC) across water bodies coming under the Jurisdiction of the State of Andhra Pradesh as part of Paradip–Hyderabad pipeline project – Permission to lay 14" dia Petroleum Product pipeline along with Optical fibre cable (OFC) across water bodies of Muniyeru river - Accorded –Orders – Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.RT.No. 344 Dated: 10-05-2018
Read the following:-

1. From the GM(c), Vizag, Indian Oil Corporation Ltd., Paradip - Hyderabad Pipeline Project Lr.No.PHPL/ VJA/CONST/ Irri/ 206.3/502, dated: 23.10.2017.
2. Govt. Memo. No. 823206/ Reforms/ A2/2017, WRD, dt:27.10.2017.
3. From the Engineer-in-Chief (Irrigation), Water Resources Department, Vijayawada Lr.No.ENC(I)/DCE/DW/OT-7/AEE18/ IOCL pipe line, dt: 29.03.2018.

O R D E R

In the reference 1st read above, the General Manager(c), Vizag, Indian Oil Corporation Ltd.,(IOCL), Paradip - Hyderabad Pipeline Project, Vijayawada has requested the Government to expedite the process of according permission for laying pipeline across the water bodies in the State of Andhra Pradesh. The concerned Engineers-in-Chief / Chief Engineers were directed to expedite necessary permissions as sought for by the Indian Oil Corporation Ltd.(IOCL) as per conditions stipulated in this regard.

2. As reported by the Engineer-in-Chief(Irrigation), in the reference 3rd read above, M/s. Indian Oil Corporation Limited is laying Petroleum Product pipeline from Paradip to Hyderabad and has requested to accord necessary permission for laying of 14" dia Petroleum Product pipeline along with Optical fibre cable (OFC) across Muniyeru river, Canal and Nallas(Vagus). The methodology of execution by the Agency for Muniyeru River, i.e., HDD / Boring method (Horizontal Directional Drilling) is highly sophisticated with a minimum impact on the surrounding area and chances of lapses are nearer to Zero and also the Firm has assured to take all standard precautions and all safety measures while carrying out the trenching and laying pipeline operations. After trenching in the River bed, the pipe line will be laid at a minimum depth of 3m below the scour depth for river. The agency has submitted the soil particulars and scour depth calculation and typical drawing for laying the pipeline across the Muniyeru River. The agency has submitted the Geotechnical Investigation Report and assured to lay international standard ANSI B 31.4 pipe line duly following the standard guidelines/steps included in EIL`s standard specification No. 6-71-0054. The agency, M/s. Indian Oil Corporation Limited has furnished an under taking in this regard.

(PTO)

3. The Engineer-in-Chief(Irrigation) has furnished the following details of pipeline, crossing the Muniyeru River at Penuganchiprolu.

3 (a) Locations of Crossings:

Sl.No.	Crossing No	Description of Crossing	Crossing Chainage of pipeline	Crossing width of the water body(m)	Mandal
1	CS 401	Muniyeru River	964.147	480	Penuganchiprolu

4. The Engineer-in-Chief(Irrigation) in his letter 3rd read above, has recommended Government to accord permission to M/s Indian Oil Corporation Limited for laying 14'' dia IOCL pipe line across the Muniyeru River with the following Conditions as stipulated by the Chief Engineer, Krishna Delta System, Vijayawada:

4 (a) Conditions:

1. Lease amount has to be deposited as arrived based on the prevailing rates in advance before taking up of the work.

2. The work at canals / drains / flood banks / river crossings is to be allowed only after obtaining approved drawings from the competent authority.

3. The ancillary / incidental works as may be required by the Water Resources Department / Farmers Organization required for water supply has to be attended by the IOC limited during execution.

4. Necessary permission for crossing of field channels / distributaries has to be obtained from the competent authority.

5. The pipeline shall be laid duly maintaining a minimum of 2.0 m to 2.5m clear cushion from the ground or below designated bed level of the channels / canals at crossings and in case of river/ flood banks a minimum of 10m is to be provided. The pipeline should be laid by HDD method /Augar boring only. Necessary casing with cement concrete has to be provided at cost of IOC Ltd.

6. Crossings where pipeline and channels are met with the alignment is to be taken away from the structure to a safe distance as directed by the Water Resources Department during the course of execution of work. The alignment shall not create any obstructions to modernization of canal system and the IOC Ltd., has to propose the alignment accordingly.

7. After execution of laying the pipeline, proper compaction is to be done and the bank is to be restored to designed profile.

8. While execution of the work, utmost care is to be taken for protecting salient features of the canals / drains and flood banks. In case of any damage caused to any irrigation system, the same should be restored immediately by reconstruction of the same at the cost of the IOC Ltd. to the required standards.

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9. There is possibility of new cross masonry works in the process of modernization as such case the alignment of pipeline is to be diverted accordingly and when necessary during the course of execution of modernization work at the cost of IOC Ltd.

10. There shall not be any obstruction for the free flow of the water/ navigation during the execution of work or after the completion of work.

11. The inspection paths on canal banks/ drain banks / flood banks shall not be damaged, if any damage is noticed, the same has to be restored and brought to the original condition immediately at the cost of IOC Ltd.

12. During laying of pipeline, obstruction should not be created for movement of vehicles on the banks.

13. After completion of work, the banks of canals, drains and flood banks should be brought to the original standards, i.e., rolled and made free from undulations.

14. The alignment of pipeline shall not obstruct the execution of modernization work or harvesting process by farmers.

15. The firm has to intimate 15 days before commencement of work and the work has to be done under the close supervision of Water Resources Department staff only.

16. The method of crossing for major canals, distributaries, major drains, medium drains and rivers, flood banks is by H.D.D. method only. Open cut method shall not be permitted on canals or Channels.

17. The specification of IOC limited shall be followed while execution of work and the work shall be carried out under the supervision of authorized technical person from IOC. N.O.C will be accorded only after getting proper completion certificate from IOC limited.

18. There is a proposal for widening of Highway/ R&B road and accordingly, there may be need of shifting the channels/ drains. Therefore, the executing agency shall be modify the alignment according to the requirement of water Resources Department and Highway/ R&B Departments during the course of execution.

19. The permission accorded shall be liable to cancel at any time when the situation demands/ any objections raised from the ayacutdars without any prior notice and IOC Ltd. have no right to claim any compensation in this regard.

20. Any deviations to the above conditions put forth shall be deemed to have been automatically cancelled the permission accorded.

21. Valve chambers are to be provided away from the banks wherever necessary.

22. During execution, open excavation of work on field channels, minor drains, necessary diversion arrangements are to be made for free flow of water of the canals / drains.

23. Necessary protection to river margin to avoid erosion may be provided by the IOC Ltd. with their own cost.

(PTO)

24. Any damage caused to Government property should be rectified by the IOC Ltd. at their own cost.

25. Any recommendations/ remedial measures made for protecting the areas on marginal land that may be found necessary by the Water Resources Department during the course of operations by M/s IOC Ltd. shall have to be done with their own cost.

26. M/s IOC Ltd should not make any alternations of the proposals without the consent of Water Resources Department.

27. Seigniorage charges if any, for sand/earth etc, should be paid by IOC Ltd. to the Mines and Geology Department at the rates fixed by the Government from time to time.

28. The work shall be executed by M/s IOC Ltd. at their own cost with the close association/ supervision of Water Resources Department authorities/ officials.

29. The IOC Limited should make their own arrangements to safeguard their equipment material and men during floods time. M/ s IOC Limited should take all necessary safety precautionary measures and the firm has to maintain the entire system at their own cost as long as their operations exist.

30. The firm should not construct permanent or temporary structures in the lanka land.

31. The department is no way responsible for any legal complications arising out of by public or other on the above work operations of the firm.

32. The IOC Ltd shall follow the river conservancy rules.

33. While laying the pipelines sufficient protection works are to be carried out all the crossings of canals/ drains / flood banks/ river so as to facilitate carrying the required maintenance and construction works by the department by employing heavy machinery.

34. The IOC Limited should ensure that gas/ optical fibre cable should not get disturbed/damaged due to movement of heavy machinery that carried maintenance operations. Any distrabance/damage caused shall be to the account of pipeline Company.

35. If any modifications are required for the pipelines in future due to departmental activities in the delta system, the pipelined IOC limited shall carry out the modifications at their cost to the satisfaction of the Department.

36. The IOC Ltd shall abide all existing labour laws regarding providing amenities and payments etc., to their labour working in the premises/ Site of this department and this department is not responsible for any kind of negligence in enforcing any labour law/ act or any compensation to be paid if any up to incident occur.

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37. The IOC limited shall be paid an amount of Rs.4,20,000/- as Security deposit and Rs.2,98,000/- shall also be paid by the firm as non refundable deposit for utilizing the land before starting the work. The amount shall be paid payable at nationalized bank by way of demand draft in favour of Pay and Accounts Officer (W&P) Vijayawada.

5. Government, after careful examination of the matter, hereby accord permission to M/s Indian Oil Corporation Limited (IOCL) for laying of 14'' dia IOCL pipe line across the Muniyeru River for the locations of crossings mentioned at para.3(a) subject to the conditions mentioned at para. 4(a) above.

6. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada and the Collector & District Magistrate of Krishna district shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To
The Engineer-in-Chief (Irrigation), Water Resources Department,
Andhra Pradesh, Vijayawada.
The Collector & District Magistrate, Krishna District.
The Chief Engineer, Krishna Delta System, Vijayawada.
The M/s Indian Oil Corporation Ltd. (IOCL), Paradip-Hyderabad Pipeline project Limited, D.No.54-20-7/10, Plat.No.33, Kanakadurga Officers Colony, Gurunanak Colony Road, Vijayawada.

Copy to:
The Private Secretary to Hon'ble Minister for Water Resources.
The Private Secretary to Secretary to Government, Water Resources Department.
The Superintending Engineer, Irrigation Circle, Vijayawada.
SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER.